

ABSTRACT OF THE DISCLOSURE

[00623] Novel N-hydroxyamide derivatives are disclosed. These N-hydroxyamide derivatives inhibit UPD-3-*O*-(R-3-hydroxymyristoyl)-N-acetylglucosamine deacetylase, an enzyme present in gram negative bacteria and are therefore useful as antimicrobials and antibiotics. Methods of synthesis and of use of the compounds are also disclosed.